



INDIVIDUAL SINGLE-VISION SPECTACLE LENS

SUBSTITUTE SPEC.

OK TO ENTER
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BACKGROUND AND SUMMARY OF THE INVENTION

The present invention relates to a method of producing a single-vision spectacle lens, a system for producing a single-vision spectacle lens as well as an individual single-vision spectacle lens.

Single-vision spectacle lenses, in which, in contrast to progressive spectacle lenses, the dioptric effect nominally does not change along a vertical section, are well known in the state of the art (compare particularly DE 100 01 726, DE 100 20 244, DE 100 21 047 and EP 96 945 697 of Rodenstock GmbH, München, Germany). Such modern single-vision lenses with aspherical or atoric surfaces have excellent optical imaging characteristics while the cosmetic characteristics are advantageous.

In the prior, so-called progressive lenses are also known in which the refractive power differs between a far part and a near part, between which the so-called progression zone is arranged in which the effect of the spectacle lens increases continuously from that of the far part to that of the near part. For progressive spectacle lenses of this type, it was suggested, for example, in EP 0 880 046 A1 of Seiko Epson Corporation, Tokyo, Japan, or in WO 01/57584 of Rodenstock GmbH, München, Germany, to take into account individual data of a certain spectacle wearer when designing and manufacturing the progressive lens.